



PATENTS  
8011-2 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James J. Fallon  
Application No. : 10/628,795 Conf. No.: 4517  
Filed : July 28, 2003  
For : SYSTEMS AND METHODS FOR ACCELERATED DATA  
STORAGE AND RETRIEVAL  
Art Unit : 2155  
Examiner : David Y. Eng

Commissioner for Patents  
P.O. Box 1450 New York, New York 10020  
Alexandria, VA 22313-1450 August 14, 2006

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicant  
hereby make the following documents of record in the above-  
identified patent application:

U.S. Patent Documents

4,127,518	Coy et al.	11-28-1978	
5,113,522	Dinwiddie, Jr. et al.	05-12-1992	(7)
5,121,342	Szymborski	06-09-1992	
5,243,341	Seroussi et al.	09-07-1993	
5,263,168	Toms et al.	11-16-1993	(8,10)
5,355,498	Provino et al.	10-11-1994	(8)
5,396,228	Garahi	03-07-1995	
5,420,639	Perkins	05-30-1995	(7)
5,452,287	Dicecco	09-19-1995	
5,467,087	Chu	11-14-1995	

Express Mail: EV669671903US

5,471,206	Allen et al.	11-28-1995	
5,606,706	Takamoto	02-25-1997	
5,627,534	Craft	05-06-1997	
5,642,506	Lee	06-24-1997	(11)
5,717,393	Nakano et al.	02-10-1998	
5,781,767	Inoue et al.	07-14-1998	(8)
5,799,110	Israelsen et al.	08-25-1998	
5,809,176	Yajima	09-15-1998	
5,861,920	Mead et al.	01-19-1999	(7)
6,105,130	Wu et al.	08-15-2000	(8)
6,172,936	Kitazaki	01-09-2001	(8)
6,195,024	Fallon	02-27-2001	(1)
6,272,627	Mann	08-07-2001	(8)
6,272,628	Aguilar et al.	08-07-2001	(8)
6,282,641	Christensen	08-28-2001	(8)
6,309,424	Fallon	10-30-2001	(2)
6,330,622	Shaefer	12-11-2001	(8)
6,421,387	Rhee	07-16-2002	(7)
6,434,695	Esfahani et al.	08-13-2002	(4)
6,449,682	Toorians	09-10-2002	(8)
6,452,602	Morein	09-17-2002	(10)
6,513,113	Kobayashi	01-28-2003	(8)
6,601,104	Fallon	07-29-2003	(6)
6,604,158	Fallon	08-05-2003	(9)
6,618,728	Rail	09-09-2003	(10)
6,624,761	Fallon	09-23-2003	(3)
6,745,282	Okada	06-01-2004	(5)
6,748,457	Fallon	06-08-2004	(6)

Non-U.S. Patent Documents

EP 0164677	12-18-1985	Texas Instruments Inc.	
EP 0185098	06-25-1986	Hitachi Ltd	
EP 0283798	09-28-1988	IBM	
EP 0595406	05-04-1994	Philips Electronics	
GB 2162025	01-22-1986	King Reginald Alfred	
JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd	(8)
WO 9414273	06-23-1994	Voxson International Pty Ltd	
WO 9429852	12-22-1994	Maxtor Corp	

Copies of the above-identified non-U.S. patent documents, which are listed on the accompanying Form SB/08A (submitted in duplicate), are enclosed herewith.

The above-identified document marked with the numeral one, (1), was cited in U.S. Patent Application Number 09/579,221 in the Office Action mailed on February 28, 2003.

The above-identified document marked with the numeral two, (2), was cited in U.S. Patent Application Number 10/016,355 in the Office Action mailed on November 22, 2002.

The above-identified document marked with the numeral three, (3), was cited in U.S. Patent Application Number 10/668,768 in the Office Action mailed on February 20, 2004.

The above-identified document marked with the numeral four, (4), was cited in U.S. Patent Application Number 09/776,267 in the Office Action mailed on October 25, 2004.

The above-identified document marked with the numeral five, (5), was cited in the U.S. Patent Application Number 10/306,581 in the Office Action mailed on June 29, 2004.

The above-identified document marked with the numeral six, (6), was cited in the U.S. Patent Application Number 10/076,013 in the Office Action mailed on February 27, 2006.

The above-identified documents marked with the numeral seven, (7), were cited in the U.S. Patent Application Number 09/969,987 in the Office Action mailed on June 19, 2006.

The above-identified documents marked with the numeral eight, (8), were cited in the U.S. Patent Application Number 09/775,897 in the Office Action mailed on December 24, 2003.

The above-identified document marked with the numeral nine, (9), was cited in the U.S. Patent Application Number 10/668,768 in the Office Action mailed on May 1, 2006.

The above-identified documents marked with the numeral ten, (10), were cited in the U.S. Patent Application Number 10/306,581 in the Office Action mailed on July 24, 2006.

The above-identified document marked with the numeral eleven, (11), was cited in an International Search Report ("ISR") in PCT Application Number PCT/US01/03712. A copy of this ISR is being submitted herewith. An English abstract is being provided with JP 11149376.

It is respectfully requested that these documents be:  
(1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicants request that a copy of Form SB/08A, as considered and initialed by the Examiner, be returned with the next communication.

A Request for Continued Examination was filed on July 11, 2006. An Office Action on the merits has not been issued since the Request for Continued Examination was submitted. Accordingly, no fee is due. However, the Director is hereby authorized to charge payment of any fees required in connection with this paper, or credit any overpayment of the same, to Deposit Account No. 06-1075, Order No. 103532-0002. A duplicate copy of this paper is being submitted herewith.

An early and favorable action is respectfully  
requested.

Respectfully submitted,



---

Jeffrey D. Mullen

Registration No. 52,056

Agent for Applicants

☒ Submitted under 37 C.F.R. § 1.34

FISH & NEAVE IP GROUP

ROPES & GRAY LLP

Customer No. 1473

1251 Avenue of the Americas

New York, New York 10020-1105

Tel.: (212) 596-9000

Fax: (212) 596-9090



08-16-06

ITC

PATENTS  
Attorney Docket No. 8011-2 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James J. Fallon  
Application No. : 10/628,795 Confirmation No. : 4517  
Filing Date : July 28, 2003  
Title : SYSTEMS AND METHODS FOR ACCELERATED DATA  
STORAGE AND RETRIEVAL  
Art Unit : 2155  
Examiner : David Y. Eng

New York, New York 10020  
August 14, 2006

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATION

Sir:

"Express Mail" mailing label number EV669671903US

Date of Deposit August 14, 2006

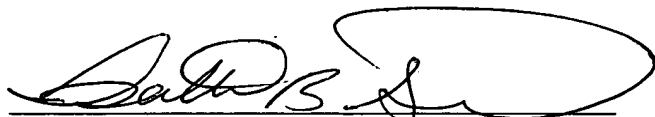
I hereby certify that the papers and fees identified below are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Supplemental Information Disclosure Statement (in duplicate);

PTO Form SB/08A (in duplicate);

Copies of Cited Foreign Patent Documents; and,

Return Postcard.

  
Isatta B. Smith

Substitute for form 1449A/PTO

**FOURTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if known**

<b>Application Number</b>	10/628,795
<b>Filing Date</b>	July 28, 2003
<b>First Named Inventor</b>	James J. Fallon
<b>Art Unit</b>	2155
<b>Examiner Name</b>	David Y. Eng
<b>Attorney Docket Number</b>	8011-2 CON

**U.S. PATENT DOCUMENTS**

Examiner initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,127,518	11-28-1978	Coy et al.	
		5,113,522	05-12-1992	Dinwiddie, Jr. et al.	
		5,121,342	06-09-1992	Szyborski	
		5,243,341	09-07-1993	Seroussi et al.	
		5,263,168	11-16-1993	Toms et al.	
		5,355,498	10-11-1994	Provino et al.	
		5,396,228	03-07-1995	Garahi	
		5,420,639	05-30-1995	Perkins	
		5,452,287	09-19-1995	Dicecco	
		5,467,087	11-14-1995	Chu	
		5,471,206	11-28-1995	Allen et al.	
		5,606,706	02-25-1997	Takamoto	
		5,627,534	05-06-1997	Craft	
		5,642,506	06-24-1997	Lee	
		5,717,393	02-10-1998	Nakano et al.	
		5,781,767	07-14-1998	Inoue et al.	
		5,799,110	08-25-1998	Israelsen et al.	
		5,809,176	09-15-1998	Yajima	
		5,861,920	01-19-1999	Mead et al.	
		6,105,130	08-15-2000	Wu et al.	
		6,172,936	01-09-2001	Kitazaki	
		6,195,024	02-27-2001	Fallon	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Express Mail:**  
**EV669671903US**



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if known</b>		
<b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		10/628,795
				Filing Date		July 28, 2003
				First Named Inventor		James J. Fallon
				Art Unit		2155
				Examiner Name		David Y. Eng
(use as many sheets as necessary)				Attorney Docket Number		8011-2 CON
Sheet	2	of	3			

		6,272,627	08-07-2001	Mann	
		6,272,628	08-07-2001	Aguilar et al.	
		6,282,641	08-28-2001	Christensen	
		6,309,424	10-30-2001	Fallon	
		6,330,622	12-11-2001	Shaefer	
		6,421,387	07-16-2002	Rhee	
		6,434,695	08-13-2002	Esfahani et al.	
		6,449,682	09-10-2002	Toorians	
		6,452,602	09-17-2002	Morein	
		6,513,113	01-28-2003	Kobayashi	
		6,601,104	07-29-2003	Fallon	
		6,604,158	08-05-2003	Fallon	
		6,618,728	09-09-2003	Rail	
		6,624,761	09-23-2003	Fallon	
		6,745,282	06-01-2004	Okada	
		6,748,457	06-08-2004	Fallon	

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		EP 0164677	12-18-1985	Texas Instruments Inc.		
		EP 0185098	06-25-1986	Hitachi Ltd		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO  <b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if known</b>		
				Application Number	10/628,795	
Sheet		3	of	3	Filing Date	July 28, 2003
					First Named Inventor	James J. Fallon
					Art Unit	2155
					Examiner Name	David Y. Eng
					Attorney Docket Number	8011-2 CON

FOREIGN PATENT DOCUMENTS						
Examiner initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		EP 0283798	09-28-1988	IBM		
		EP 0595406	05-04-1994	Philips Electronics		
		GB 2162025	01-22-1986	King Reginald Alfred		
		JP 11149376	06-02-1999	Toyo Commun Equip Co. Ltd		
		WO 9414273	06-23-1994	Voxson International Pty Ltd		
		WO 9429852	12-22-1994	Maxtor Corp		
		WO 9502873	01-26-1995	Philips Electronics		

NON PATENT LITERATURE DOCUMENTS			
Examiner initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.